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ABSTRACT

This report describes the educational and economic achievements and challenges of the Utah adult education program in a statistical outline and in a chart format. Section A outlines general achievement information: numbers of Utah adults without a high school diploma; total enrollees; educational achievements (attendance, diploma or passage of equivalency test, received credits); and economic achievements (obtained job, obtained better job, unemployed served). Section B consists of two tables: economic investment balance sheet--adult basic education (ABE) and adult high school (AHS) economic achievements (dollars expended and estimated dollars saved or returned on investment) and economic return on the fiscal year 1990 ABE and AHS programs. Section C is a summary that illustrates the cost effectiveness of the adult education program. Section D contains 24 charts, including program appropriations by source and fiscal year; ABE and AHS enrollees by fiscal year, age categories, sex, and racial and ethnic groups; profile of ABE and AHS enrollees upon program entry; educational achievements of enrollees; economic achievements of enrollees; AHS impact data; ABE and AHS students leaving the instructional program and reasons; number of personnel by type of job preferred; AHS graduates; special adult education program data; and General Educational Development program achievements. (YLB)

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FY 1989-90

Cost Effectiveness of the State Adult Basic and Adult High School Program

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COST EFFECTIVENESS OF THE STATE ADULT BASIC EDUCATION AND ADULT HIGH SCHOOL PROGRAM

F Y 1989-90

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Revised December 1990

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FOREWORD

On behalf of Adult Education, the Utah State Office of Education is proud to submit a report which describes the cost effectiveness of the State Adult Basic and Adult High School Program. This is an especially important report in the light of tight public resources and the need to increase accountability in the use of taxpayer dollars. This report is also important to an understanding of our commitment to a well trained workforce and citizenry that are dedicated to maintain and improve our competitive edge in the marketplace and to enhance our quality of life.

The pages of this report describe the educational and economic achievements and challenges of the adult education program; therefore, the contents of this report should be studied: one, for an understanding of the contributions the Adult Education Program is making to the economy and to the lives of our citizens; and two, for the purpose of improving the quality and delivery of adult education services.

Jay B. Taggart, State Superintendent
of Public Instruction

COST EFFECTIVENESS OF THE STATE ADULT BASIC
EDUCATION AND ADULT HIGH SCHOOL PROGRAM
FY 1989-90
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A. General Achievement Information

°Target Population/Utah Adults Without a High School Diploma (1980 Census)	199,463
°Percentage of Utah Adults without a High School Diploma	21.5
°Total Enrollees	
(a) Male	12,195
(b) Female	12,646
Total	24,841
°Educationah Achievements	
(a) Attended Adult Basic and Adult High School Completion Classes (levels 0-12)	24,841
(b) Improved Basic Skills for Personal Satisfaction and Increased Self Confidence	11,617
(c) Completed Adult Basic Education (levels 0-5 reading, writing, and computation classes)	3,586
(d) Obtained a High School Diploma	2,186
(e) Passed GED test (calendar year 1989)	2,801
(f) Learned to Speak and Listen in English (pre-level 1)	2,930
(g) Entered Another Post-High School Vocational and/or College Program	2,504
(h) Credits Awarded Toward a High School Diploma	40,295
°Economic Achievements	
(a) Obtained a Job	3,091
(b) Obtained a Better Job or Salary Increase	1,320
(c) Removed from Public Assistance	750
(d) Unemployed Served	10,992
(e) Public Assistance Recipients Served	3,307
°Annual Percentage rate of Return on Investment (See following pages)	43.40%

°For every $1.00 invested, our state receives $5.70 in saved, earned, or returned income. (See following pages)

B. Adult Education: An Investment with High Economic Returns

Table 1

ECONOMIC INVESTMENT BALANCE SHEET
ADULT BASIC EDUCATION AND ADULT HIGH SCHOOL ECONOMIC ACHIEVEMENTS*
FY 1990

Total Federal and State Dollars Expended (Invested)		
Federal Adult Refugee	$ 157,104	
Adult Education for the Homeless (Federal McKinney)	126,235	
Eligible Legalized Aliens (Federal IRCA)	268,766	
Federal Adult Education Act	563,934	
Federal Limited English Proficiency	25,000	
State Adult High School	4,038,628	
TOTAL		$5,179,667
Estimated Dollars Saved or Returned on Investment		
New Tax Revenues	$4,417,442	
Public Assistance Savings	3,010,680	
TOTAL		$ 7,428,122
Net Return on Investment	$2,248,455	
Annual Percentage Rate of Return on Investment	43.40%	

Table 2

ECONOMIC RETURN ON THE FY 1990 ADULT BASIC EDUCATION
AND ADULT HIGH SCHOOL PROGRAM EXCEEDS 29 MILLION*

Sources of Return	Dollars
Net Income (Salaries/Wages)	$21,538,088
Reduced Public Assistance Payments	3,010,680
Increased Taxes Paid	4,417,442
Increased Income (Promotions/Salary Increases)	549,120
TOTAL (Estimated Income Saved, Earned, or Returned)	$29,515,330

See pages 3-4 of this booklet for information on how these figures were derived.

C. Summary: Cost Effectiveness of the Adult Education Program

1. For every $1.00 invested our state receives $5.70 in saved, earned, or returned income.

2. State savings $3,010,680 (750 enrollees removed from welfare roles).

3. Money put back into the economy $21,538,088 (3,091 adult enrollees obtained jobs).

4. Money added to the economy $549,120 (1,320 enrollees received job promotions).

5. Increased tax payments $4,417,442 (Estimated federal, state, and local taxes generated by new or increased earnings).

The above data and information were calculated using July 1, 1989-June 30, 1990 program data as follows:

Public Assistance:

1. Number of adult education learners removed from public assistance in FY'90:	750
2. Estimated savings in public aid grants annually (Average state monthly payment of $334.52 x 12 months x 750 enrollees):	$3,010,680

Employment:

1. Number of adult education learners who became employed as a result of adult education:	3,091
2. Projected income earned by adults who became employed (Number of adults receiving jobs as a direct or indirect result of attending adult education classes multiplied by the minimum hourly wage of $3.35 x 40 hours x 52 weeks X 3,091):	$ 21,538,088

Job Promotion:

1. Number of adults who obtained a better job or salary increase as a result of adult education:	1,320
2. Projected additional income earned by adults who were promoted, or received a salary increase, as a result of adult education (Number of adults receiving a promotion multiplied by $.20 per hour x 40 hours x 52 weeks):	$ 549,120

Increased Revenue:

1. From the projected total earnings of those employed plus the projected additional money earned through promotion ($21,538,088 + $549,120 = $22,087,208), the dollar estimate of the amount of the combined local, state, and federal taxes (20% rate estimated) returned to government. $ 4,417,442

2. Total savings to the state ($4,417,442 + $3,010,680): $ 7,428,122

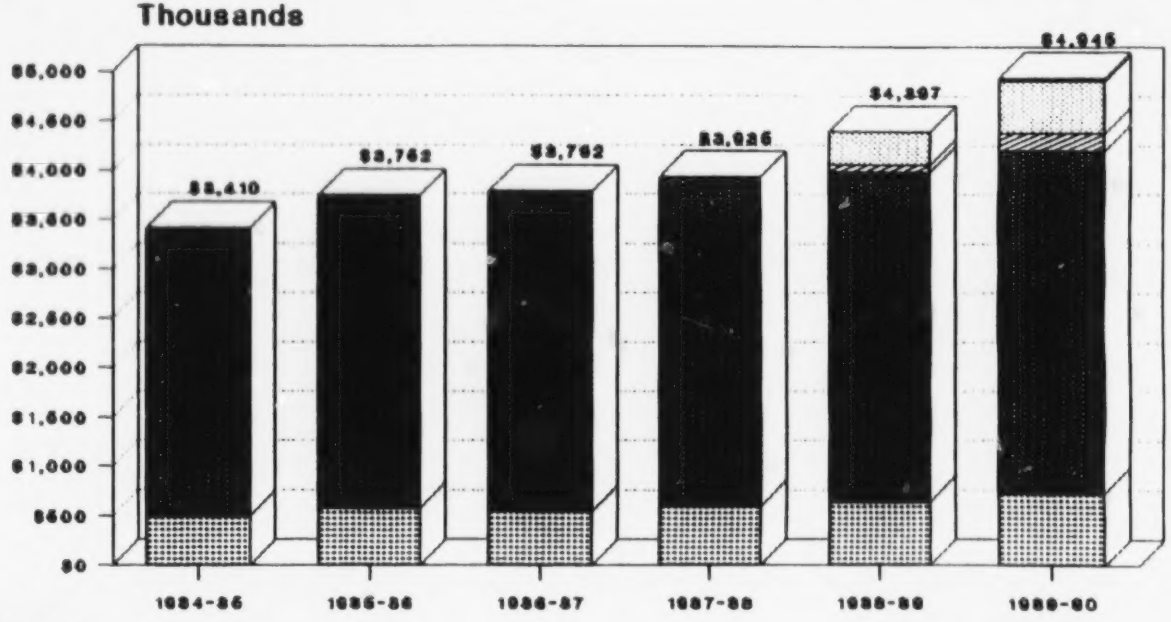
Net Gain:

The cost to operate this program, inclusive of federal and state appropriations in FY'90, amounted to $5,179,667. The full return was $7,428,122 resulting in a net gain to the state of $2,248,455. The net percentage gain on investment is 43.40 percent.

D. Selected Adult Education Achievement Charts

On the following pages are selected charts which describe the achievements and challenges of the adult education program. These charts should be studied for understanding and improving the quality and delivery of adult education services.

Adult Education Program
Appropriations by Source & Fiscal Year*



	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Fed. Limited Eng.Act						$26
Federal IRCA Act					$335	$536
Federal Homeless Act					$75	$177
State AHC Act	$2,909	$3,173	$3,235	$3,331	$3,346	$3,484
Federal Adult Act	$501	$579	$584	$604	$641	$723

Federal Adult Act | State AHC Act | Federal Homeless Act
Federal IRCA Act | Fed. Limited Eng.Act

• Homeless/SLIAG Different Budget Period

Mon.cht

Chart 1

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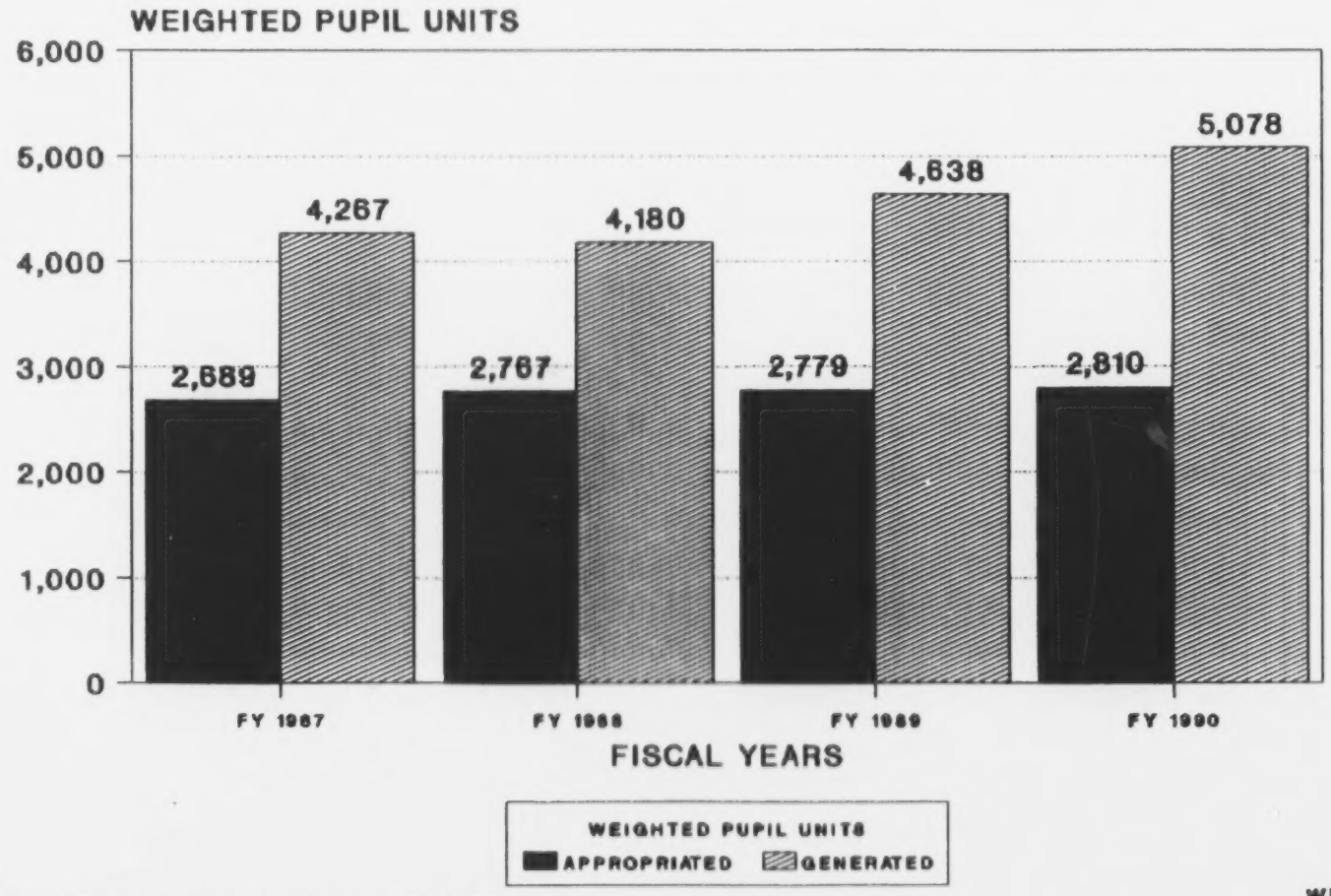
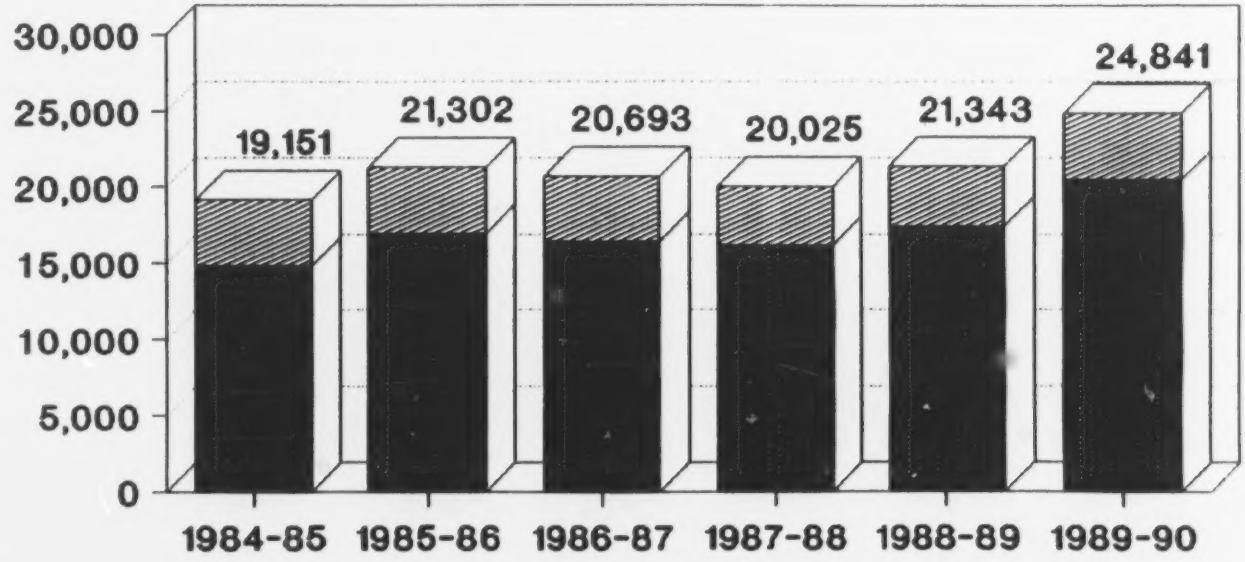
STATE ADULT HIGH SCOOL WEIGHTED PUPIL UNITS GENERATED & APPROP. BY FISCAL YEAR



•Enrollees 18 Years of Age and Over.

Chart 2

Adult Basic Education and Adult High School Enrollees by Fiscal Year*



	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Under 18	4,345	4,349	4,261	3,850	3,938	4,357
18 and Over	14,806	16,953	16,432	16,175	17,405	20,484

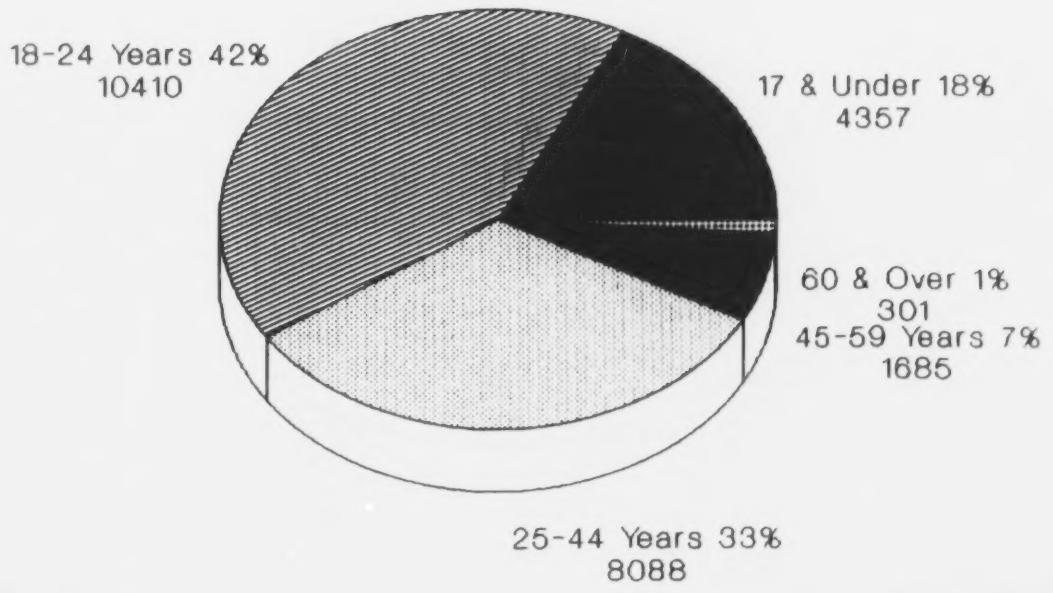
18 and Over Under 18

*Includes Individuals Under 18

FYSTS .CHT

Chart 3

FY1989-90 Adult Basic Education and Adult High School Enrollees by Age Categories*



*Total Number of Enrollees 24,841

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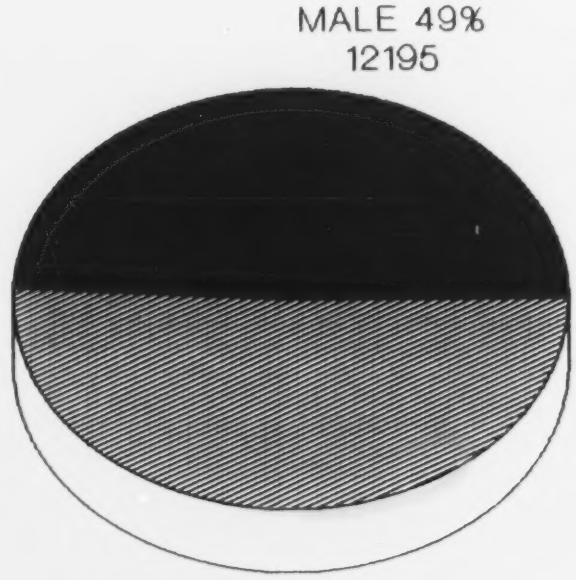
Chart 4

FY1989-90 Adult Basic Education and Adult High School Enrollees by Sex*



*Includes 4357 Individuals Under 18

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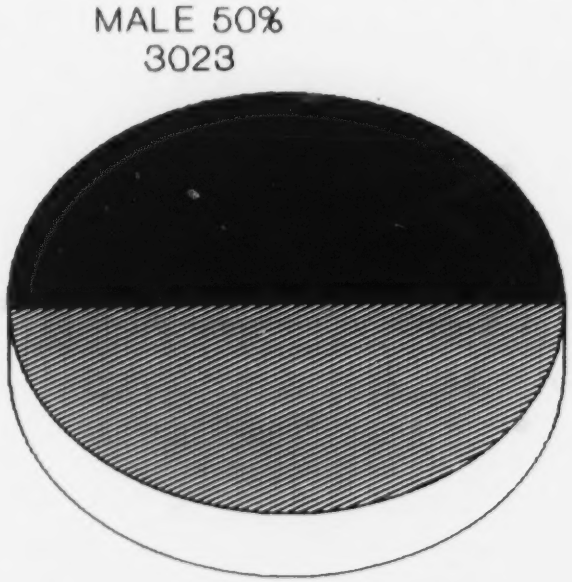
Chart 5

FY1989-90 Adult Basic Education Enrollees by Sex*



*Includes 423 Individuals Under 18

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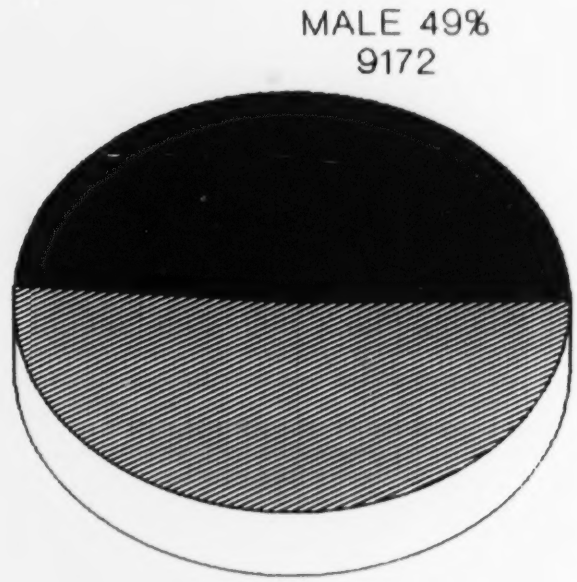
FY1989-90 Adult High School Enrollees by Sex*



*Includes 3934 Individuals Under 18

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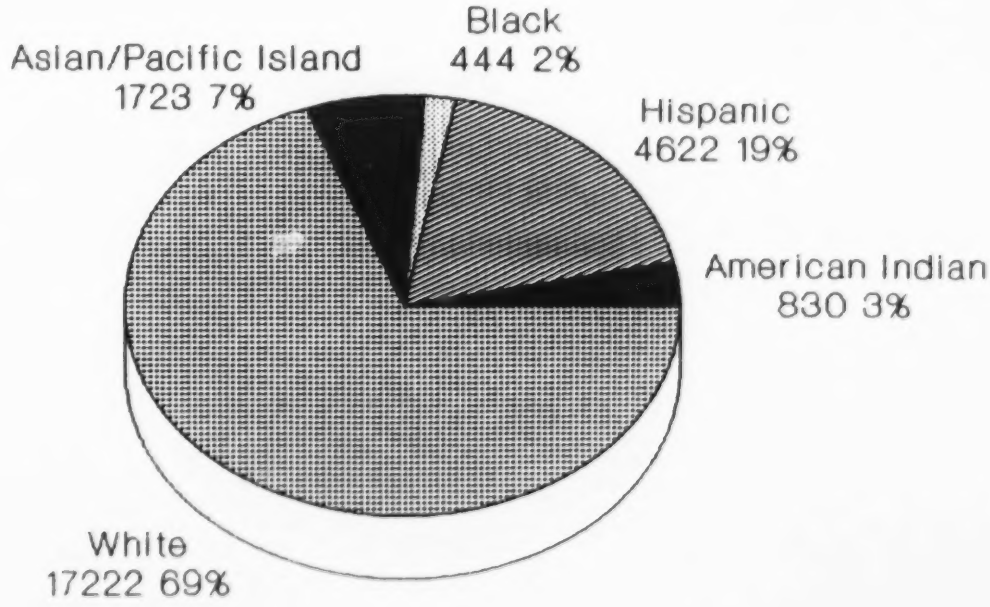
Chart 7

FY1989-90 Adult Basic Education and Adult High School Enrollees by Race and Selected Ethnic Groups*



*Includes 4,357 Individuals Under 18

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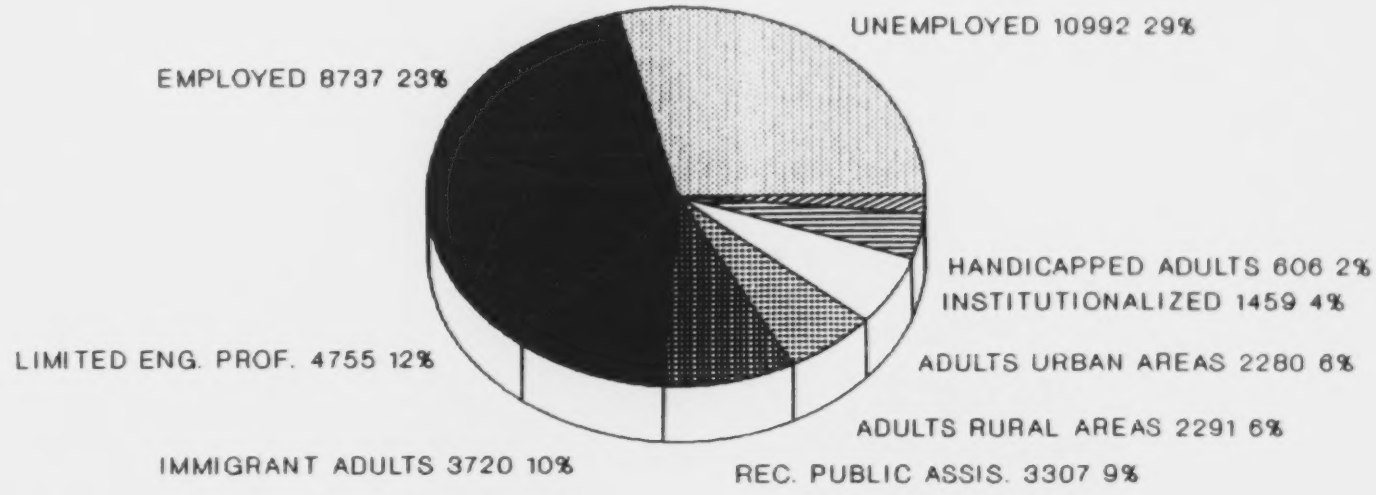
Chart 8

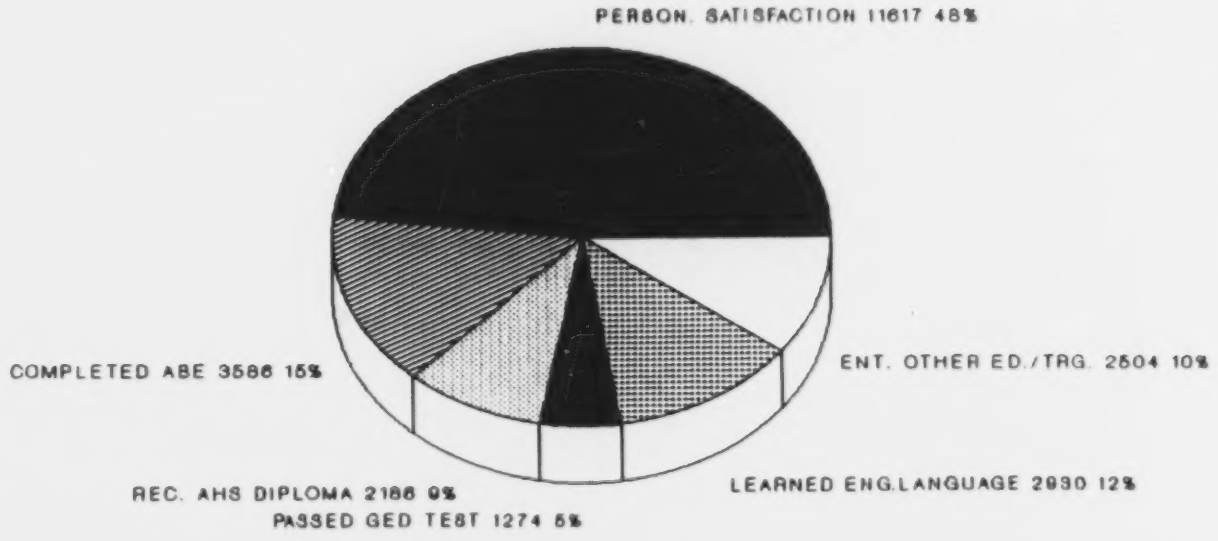
Profile of Adult Basic Education and Adult High School Enrollees Upon Program Entry*



*FY1989-90 DATA

PROFILE .CHT

Educational Achievements of Adult Basic Education and Adult High School Enrollees*

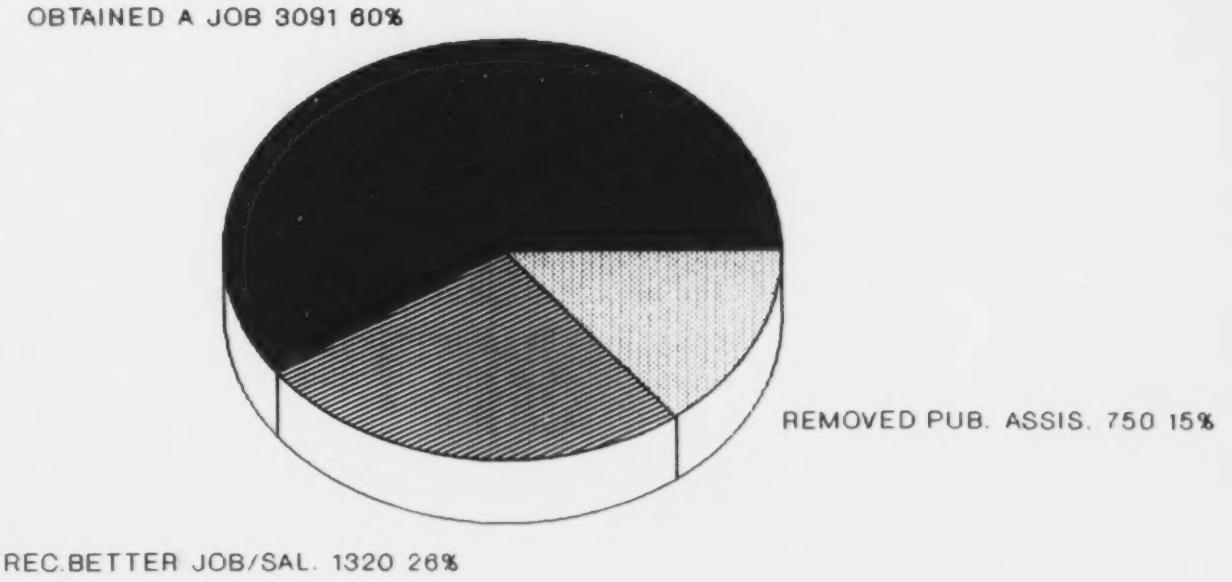


*FY 1989-90

ACHIEV .CHT

Chart 10

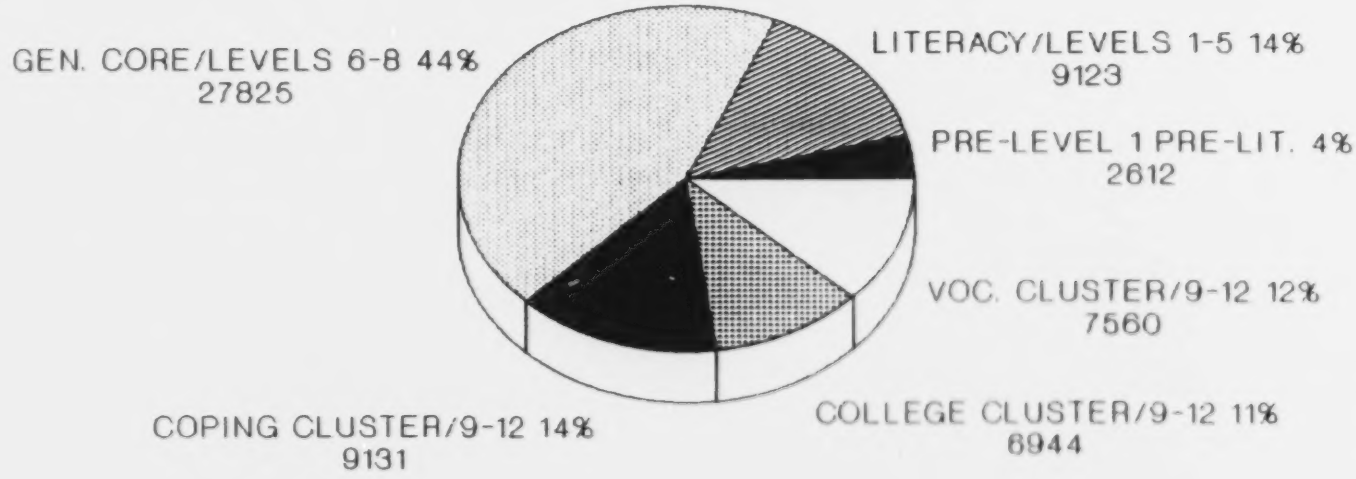
Economic Achievements of Adult Basic Education and Adult High School Enrollees*



*FY1989-90

ACHIEV1 .CHT

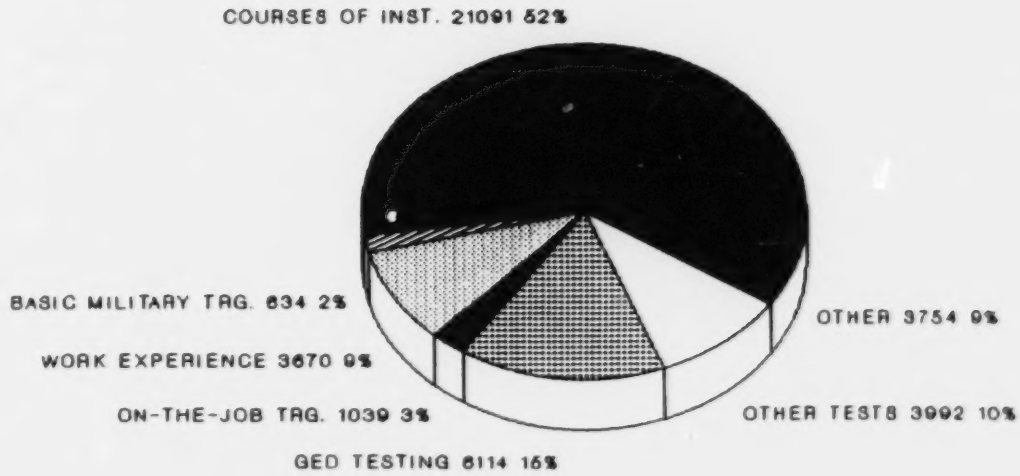
Total Adult Basic Education and Adult High School Enrollments* for FY 1990 By Instructional Levels & Sub. Areas



*Duplicated Count of Students

ENROLL1 .CHT

Adult High School Impact Data
Number of Units of Adult High School
Credit Awarded from all Sources by Total

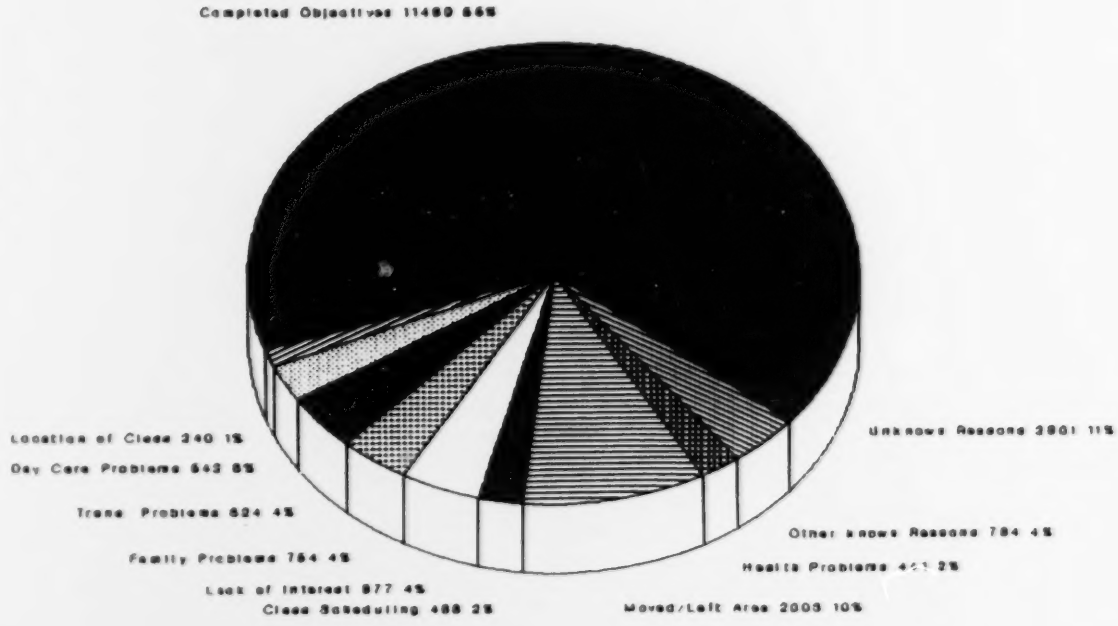


*FY1989-90 Data

CREDIT .CHT

Chart 13

Adult Basic Education and Adult High School Students Leaving the Instructional Program and their Reasons*

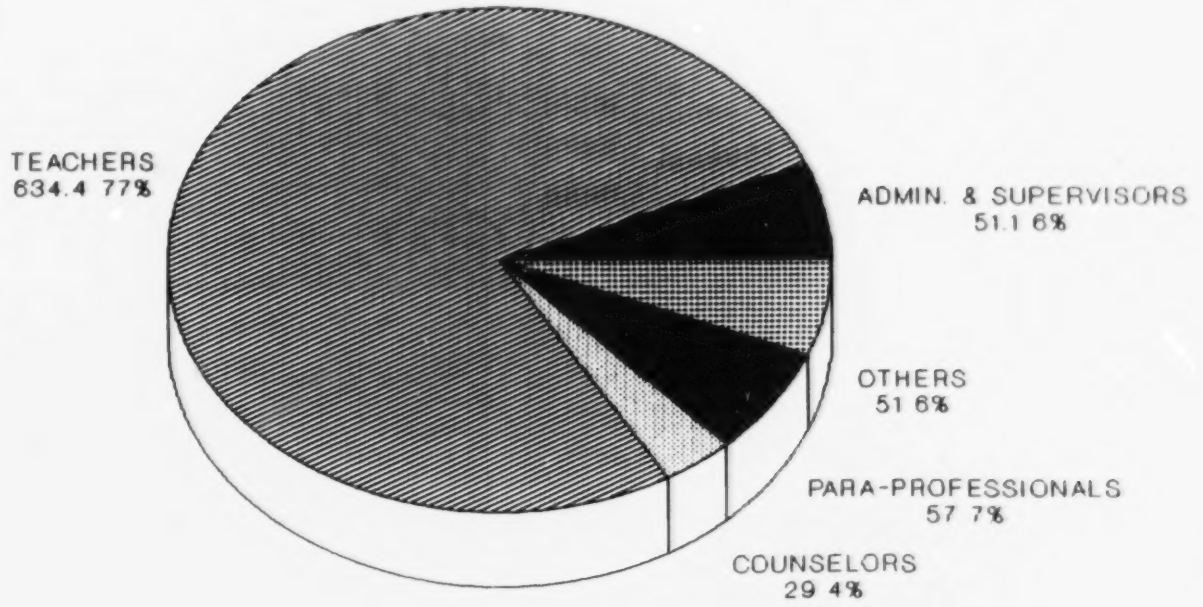


*FY1989-90

REASONS .CHT

Chart 14

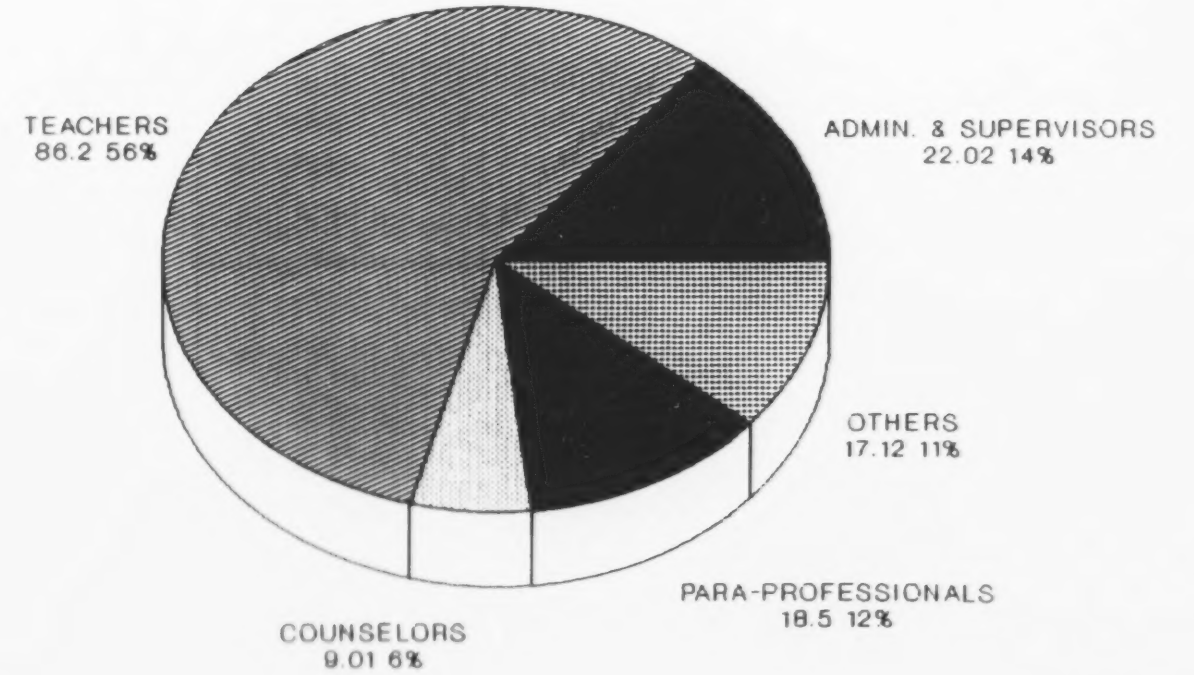
Number of Part-Time Adult Basic Education and Adult High School Personnel by Type of Job Performed*



*FY1989-90

PERSONN .CHT

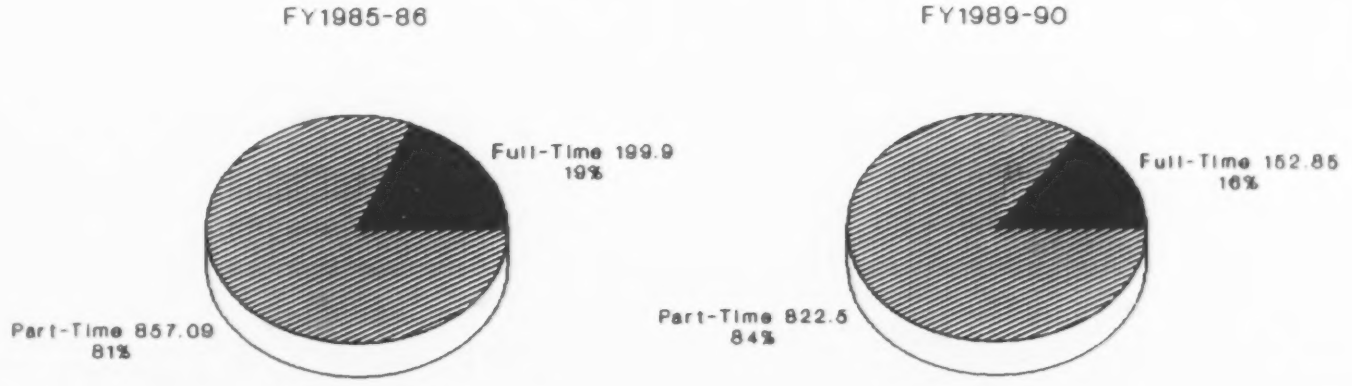
Number of Full-Time Adult Basic Education and Adult High School Personnel by Type of Job Performed*



*FY1988-89

PERSONN .CHT

Adult Basic Education and Adult High School Personnel* Decline in Part-Time and Full-Time Staff



*Data Derived from USOE's Narrative and Statistical Reports

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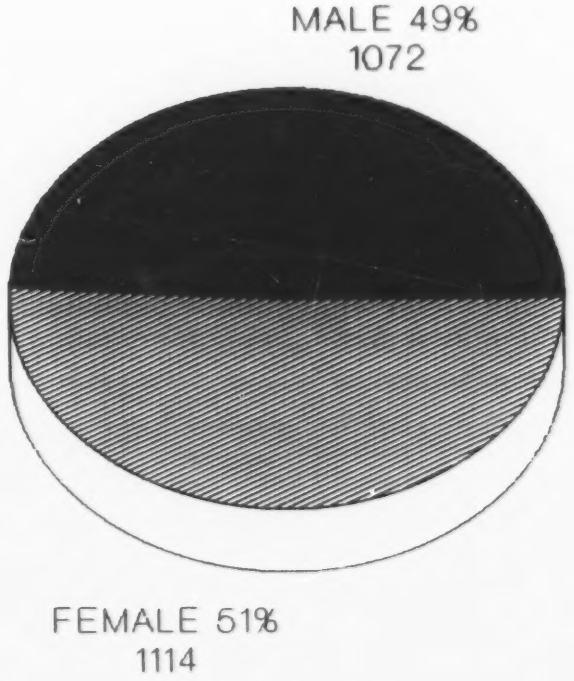
Chart 17

Number of FY 1989-90 Adult High School Graduates*



*18 Years of Age and Over

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Increase in Number of Adult High School Graduates by Fiscal Year*

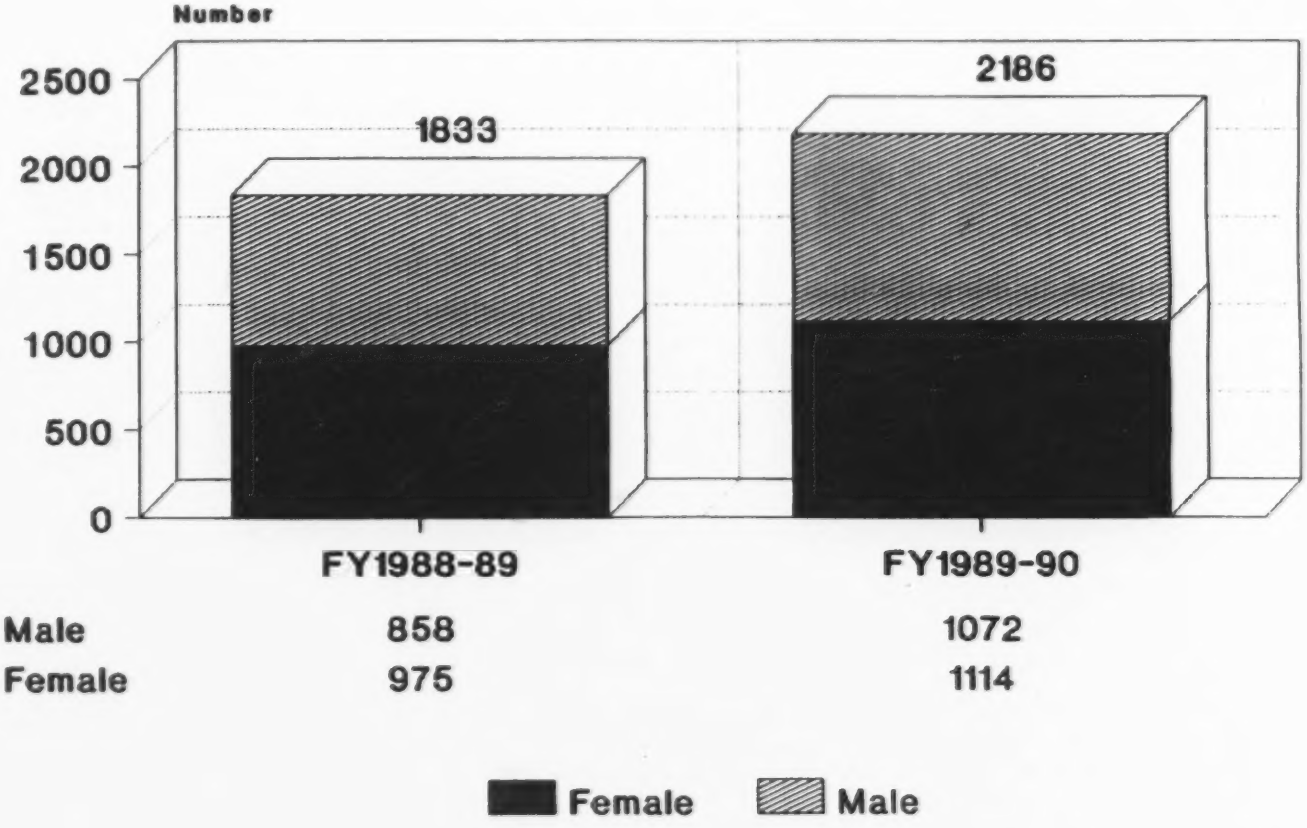
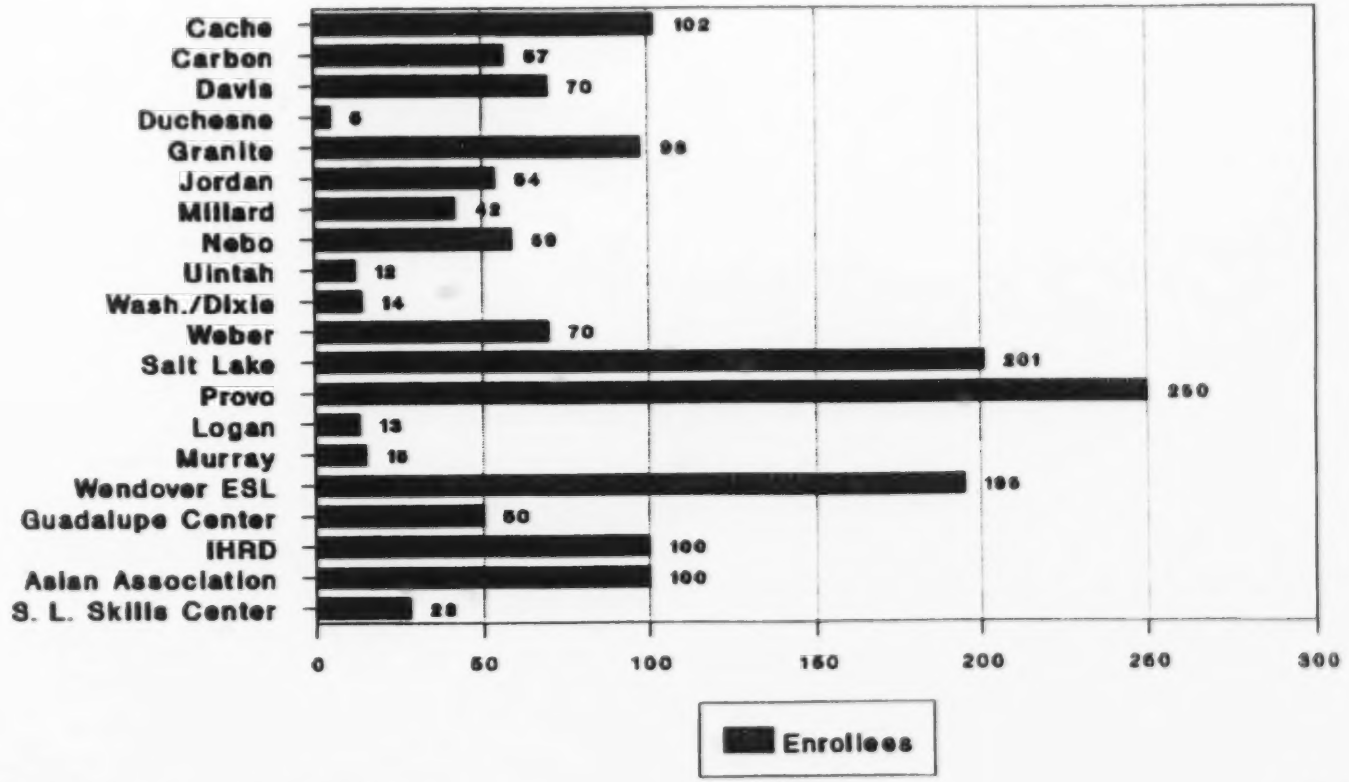


Chart 19

Adult Eligible Legalized Alien Instructional Program*
(October 1, 1989 through Sept. 30, 1990)



*Total Number of Enrollees was:1,535

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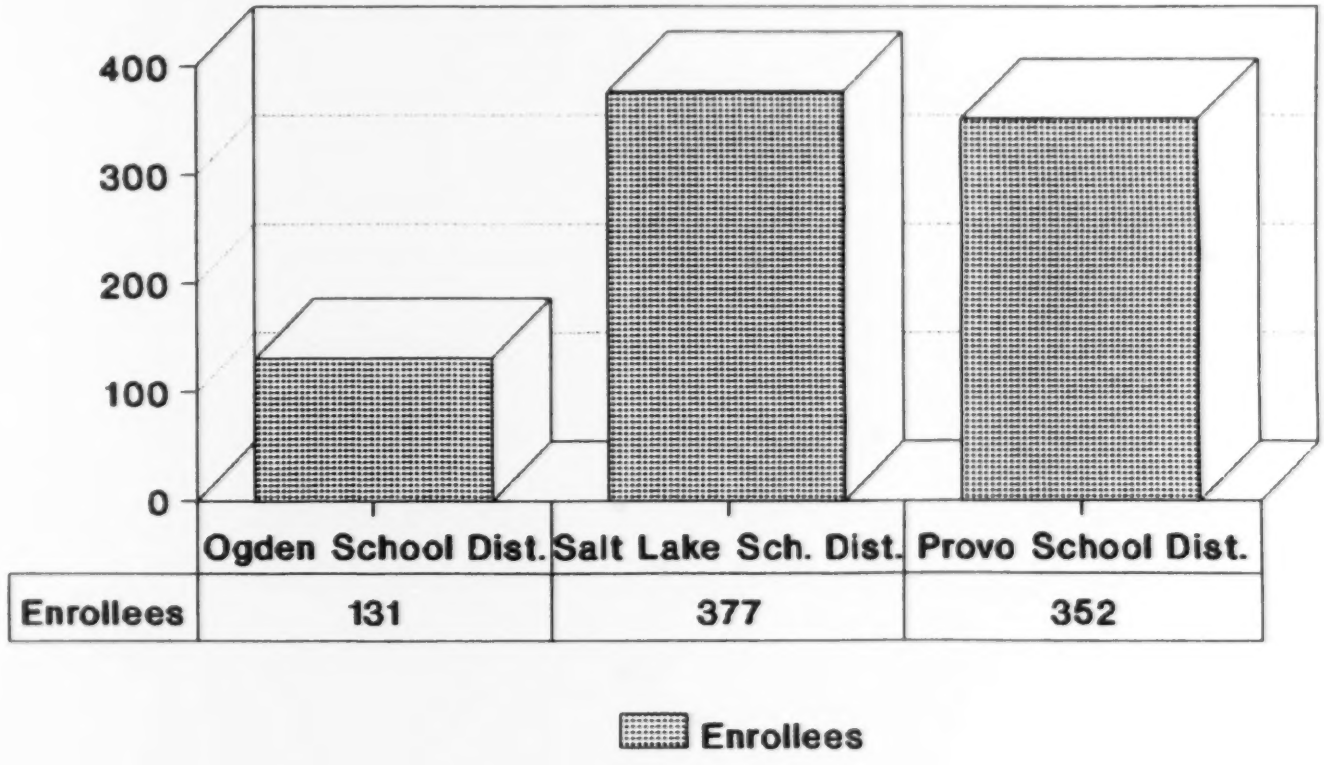
Chart 20

Chart 21

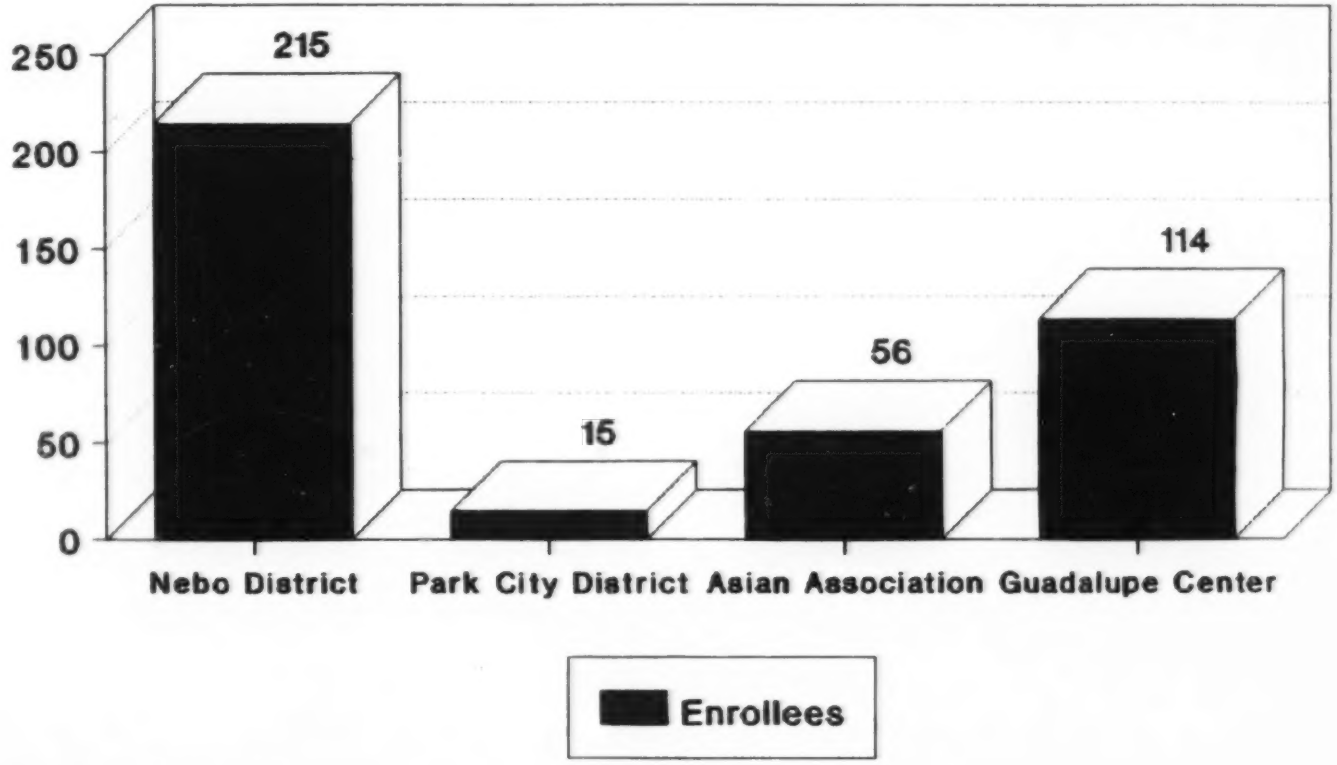
Adult Education for the Homeless By Program* FY1989-90



*Total Enrollees 860

HOME.CHT

Adult Education for Limited English Proficient Adults Program* FY1989-90



*Total Enrollees 400

Limited

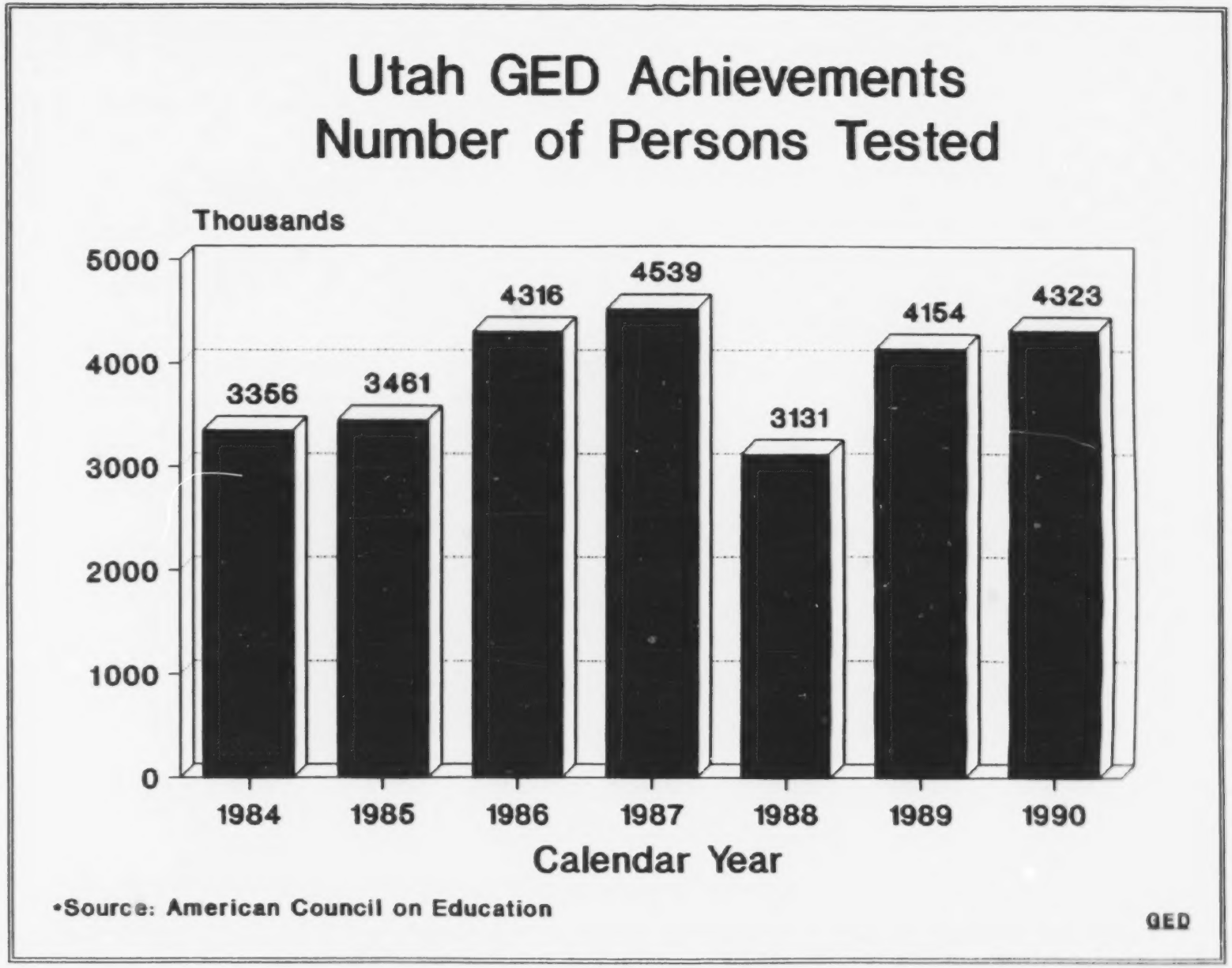
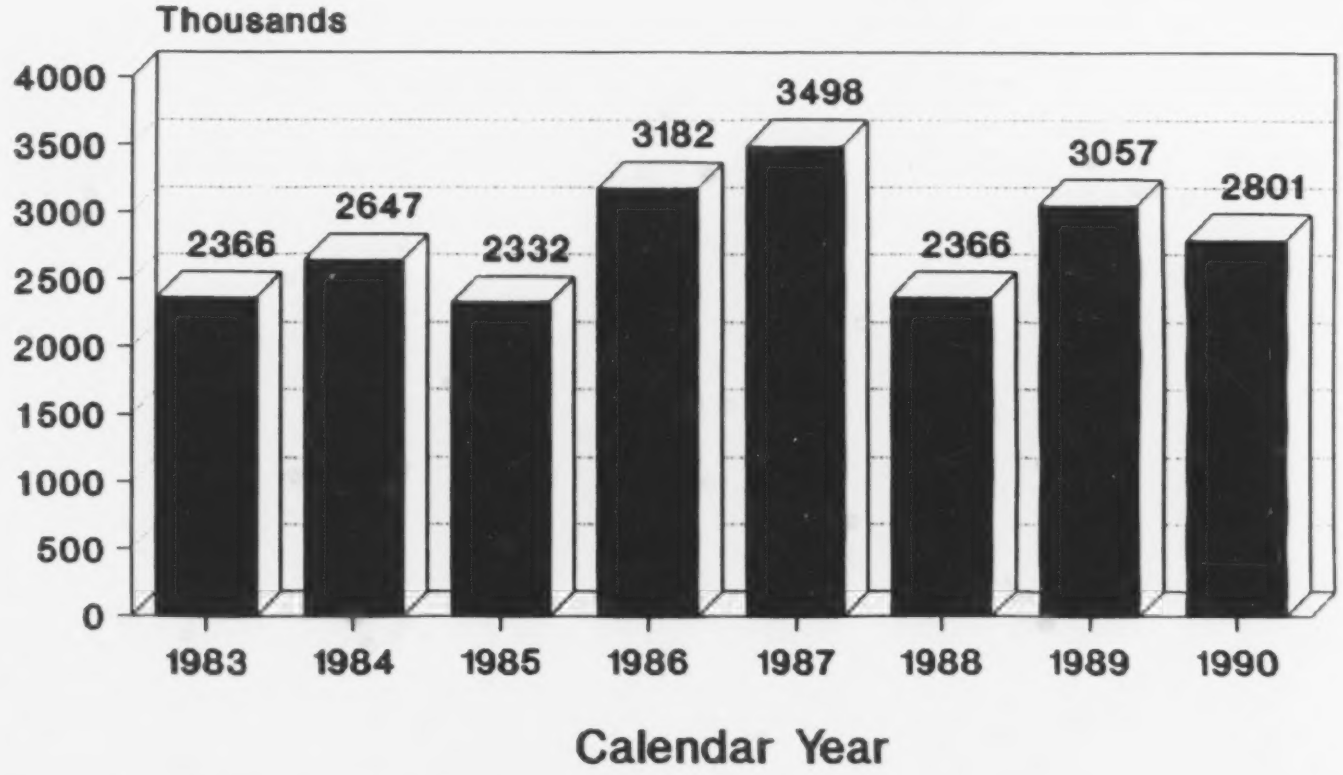

Utah GED Achievements
Number of Persons Tested
Thousands
5000
4000
3000
2000
1000
0
3356
3461
4316
4539
3131
4154
4323
1984
1985
1986
1987
1988
1989
1990
Calendar Year
•Source: American Council on Education
GED

Chart 23

Utah GED Achievements
Number of Persons Tested Meeting State Score Requirements



•Source: American Council on Education

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